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TITLE: FORMATION OF MYCORRHIZA OF "MATSUTAKE" MUSHROOM

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INVENTOR-INFORMATION:

NAME

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NAME

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COUNTRY

N/A

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ABSTRACT:

PURPOSE: The soil is removed from the surroundings of the roots of a host plant of MATSUTAKE and a sterilized artificial soil is spread around the roots, then a suspension of MATSUTAKE spores in an aqueous solution containing a fungicide and a bactericide is sprayed on the artificial soil and covered with the sterilized artificial soil again, thus forming the titled mycorrhiza.

CONSTITUTION: The surroundings of the roots of a host plant of MATSUTAKE such as Japanese red or black pine tree are dugged and soil is removed to expose the roots. Then, a sterilized artificial soil such as vermiculite or pealite is spread around the roots until they almost hide from the sight and a suspension of MATSUTAKE spores in an aqueous solution of a fungicide such as paraquat and a bactericide such as penicillin is sprayed on the artificial soil. Further, the spread soil is covered with a sterilized artificial soil again. The roots of the host plant is preferably rinsed with the fungicide and bactericide aqueous solution used to prepare the spore suspension previously.

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